

## ***ABSTRACT***

*Collaboration becomes inseparable part of software development. Large-scale software always involves many collaborators in the development process. Collaborators involved usually located at different places and times, thus a system that can handle this problem. Besides the problem of a different place and time, management files problem is also a main problems of the collaboration system.*

*In this final assignments, was designed and implemented a system that is capable of handling collaborative. Using git version control that is able to handle file management and a central repository for easy access from a different place and time. This system was also designed for the five-level users, that are tailored to structure of the team work in general.*

*From the results of the implementation and testing, obtained results of such, system was not have problems with ssh connection when used on the Linux operating system and OS X Mavericks and the operating system windows 7 there are problem with authentication ssh\_key which always invoke phrases used id\_rsa. While the results obtained from black box testing that all features have been running 100%.*

*Key Words : Collaborative Work, Git, Version Control, Repository*